

REMARKS

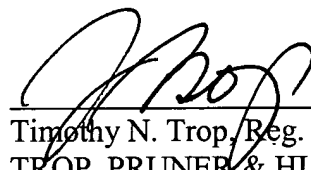
Claim 1 has been amended to call for coupling a resistor to the transistor so that the resistor is in parallel to the laser diode. None of the cited references teach such a structure. The patent to Tanaka and the patent application to Tsai teach the use of transistors such as the transistor 201. But they fail to teach a resistor coupled to that transistor and in parallel to the laser diode.

Note that Figure 10 of Taguchi teaches a resistor RL which is actually in series with the laser diode. This is disadvantageous since voltage drop occurs across the resistor, requiring a bigger voltage excursion. As a result, power consumption is increased and the demands on the circuit that supplies a signal to the laser diode are increased. While Tanaka is cited as teaching resistors RD, those resistors are not coupled to a transistor and in parallel to the laser diode.

Therefore, in view of the amendments, reconsideration of the rejection is respectfully requested.

Respectfully submitted,

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Timothy N. Trop, Reg. No. 28,994
TROP, PRUNER & HU, P.C.
8554 Katy Freeway, Ste. 100
Houston, TX 77024
713/468-8880 [Phone]
713/468-8883 [Fax]

Attorneys for Intel Corporation